

PROCEEDINGS THE AMERICAN WATER WORKS ASSOCIATION

29 West 39th Street, New York, N. Y.

October, 1929

MONTHLY NEWS BULLETIN

Vol. 21, No. 10

Association News

PRESIDENT HINMAN and Trustee Howson both attended the Wisconsin Section meeting September 17 and 18 at Madison, and had a good time. Leon A. Smith, Madison's Superintendent, who has served the Wisconsin Section so well for a number of years as Secretary, was elected Director to represent Wisconsin Section on the Association's Board which will take office at the 1930 St. Louis convention.

It has been definitely decided that the Jefferson Hotel, St. Louis, Mo., will be the headquarters for the 1930 convention and the week of June 2 has been set for the date.

The New England Water Works Association held a very successful meeting at Portland, Me., September 17 to 20, some five hundred members and guests being registered. Among those residing outside the New England district who presented papers at this meeting were the following prominent members of the A. W. W. A.: Harry F. Huy, Past President, Malcolm Pirnie, Chairman of the Committee on Water Works Practice, Arthur E. Gorman, Chairman of the Committee on Increase in Membership, A. D. Couch and P. S. Wilson, both

of the Community Water Service Company, New York City.

Committee on Water Works Practice

REVISION OF THE MANUAL

THE Committee on Water Works Practice is getting lined up for revision of the Manual and has divided the work up among a group of committees listed below and giving the names of some members who have already accepted chairmanships of some of these committees:

- A. Introduction and Historical.
- B. Surface Water Allocation.
- C. Surface Water Collection. W. E. Fuller, Swarthmore, Pa.
- D. Ground Water Collection.
- E. Quality and Treatment. Paul Hansen, Chicago, Ill.
- F. Power and Pumping. F. G. Cunningham, New York, N. Y.
- G. Transmission and Distribution. G. G. Dixon, Youngstown, O.
- H. Fire Protection.
- I. Relations to Consumers and Public. It is expected that G. H. Fenkell, Detroit, Mich., will take charge.
- J. Valuation, Rate Making and Accounting. It is expected that J. W. Alvord, Chicago, Ill., will take charge.
- K. Office Records and Management. D. C. Grobbel, Detroit, Mich.
- L. Legal.
- M. Appendices.

Of the men just enumerated as Chairmen of Revision Committees Mr. Fuller and Mr. Dixon have already submitted tentative schedules for sub-division of their work and arrangement of sub-committees to handle it.

GENERAL TECHNICAL WORK

At the time of the Toronto convention the Executive Committee placed under the direction of the Committee on Water Works Practice all members now and in future acting as representatives on standardization committees functioning under the American Standards Association, and likewise placed under the direction of the Committee on Water Works Practice all the old standing technical committees which have been serving for a number of years. Special consideration is being given at this time to all of these standing technical committees to determine just what work each has outlined for the immediate future and to determine whether any of these had finished the work which they had laid out and need not be continued.

COÖPERATION BETWEEN COMMITTEE ON WATER WORKS PRACTICE AND OFFICERS OF THE LOCAL SECTIONS

The Executive Committee also directed the Committee on Water Works Practice to coöperate with the officers of the Local Sections in getting papers prepared and presented at Section meetings with two purposes in view—

1. To help obtain papers on subjects of special local interest in order to make Section meetings of ever more interest and value and promote the growth of membership.

2. To obtain the presentation of papers on subjects whereon information is desired by committees working on revision of the Manual; it

will be of special value in some cases to have papers presented in a locality where familiarity with this topic is exceptional and where spirited discussion and expression of local practice is desired.

INDEX TO THE AMERICAN WATER WORKS ASSOCIATION JOURNAL

For a long time there has been a general desire for an Index to all the articles which have appeared in the Journal. Such an Index if made scientifically and thoroughly was found to cost more than the Association can afford. The need, however, is to be met to quite an extent by the preparation in the New York office of an Index which will not be as scientific and complete as might be desired, but which will be without any doubt of great help to members. This Index will be made up in typewritten form on thin paper backed with reversed carbon from which blue prints can be made directly, and on which the articles appearing in each new monthly Journal can be added as they appear so that these office original lists will be up to date at all times. It is also planned as soon as this list is finished this fall to have it printed available for sale to members at a nominal cost.

Sectional Committee on Specifications for Cast Iron Pipe and Special Castings

NEW TESTS ON FITTINGS

SINCE the issuance of the progress report in the May JOURNAL the Sectional Committee has taken up in earnest the possibility of preparing standard specifications for cast iron pipe fittings

of shorter dimensions than the present A. W. W. A. standards. Some large cities, notably Detroit and Los Angeles, use all short fittings made to their own standards. Quite a few other cities use Grinnell and other short fittings which are used to quite an extent. Whether the use of shorter fittings is most economical and desirable or not the situation is that there are available on the market short fittings of a large number of kinds without the advantages of interchangeability. The Sectional Committee is considering the possibility of standards for short fittings which would have dimensions in general about average as among the various short fittings in greatest present use and approximating rather closely the dimension of the present A. S. M. E. standards for flanged fittings. If these standards for short fittings are eventually adopted they will be issued not to replace the present long A. W. W. A. fittings but to give the purchaser a choice of long or short.

The Sectional Committee is having tests made of both short fittings made according to these proposed dimensions, and also of the present A. W. W. A. fittings as follows:

1. Tests on friction loss through fittings are being made at Cornell University, Ithaca, N. Y., under the direction of Professor E. W. Schoder who is preeminently qualified in the making of such tests. Friction loss tests are being made on four kinds of fittings, namely, crosses, tees, quarter bends and eighth bends, both long and short, and both 12-inch and 6-inch, making 16 kinds of fittings to be tested. Friction loss tests on the cross will be made with water issuing from all the possible combinations of 1, 2 or 3 outlets and similarly for the tee. The velocities at entrance will probably range between 3 and 10 feet per second.

2. Tests of the same kinds of fittings to destruction by bursting are being made at the University of Illinois, Urbana, Ill., under the direction of Professor M. L. Enger, who is so well known to the members that it is not necessary to mention that such tests would not be carried through better anywhere else. As mentioned above, this work is within reach of nearly all members and the carrying out of these tests has involved the invention of new methods of holding the end bulkheads and measuring the amount of expansion of the fitting under test which visitors will find of great interest.

News of the Sections

WE ARE quoting below lively announcement of the Tenth Annual Convention of the California Section at Del Monte, California, sent out to members by their Secretary, Wm. W. Hurlbut.

"Climb Aboard! We're off for Del Monte! Get there by your favorite route. Even resort to the aerial route if it is necessary for you busy fellows . . . All roads lead to Del Monte, October 23-26, inclusive. Jot the dates down on your calendar.

"The program will be full of interest with problems of the Water Works man. Wednesday, October 23, the entire day will be assigned to Golf Tournament.

"Headquarters, Convention Hall and Registration at Hotel Del Monte.

"Make your hotel reservations directly with the hotel, if you have not already done so. The rates at the Del Monte Hotel are on the American Plan and the Monterey Hotels (which are the

Hotels Monterey, San Carlos and Kimball) are on the European plan."

"The campaign for new members is on! Have you secured your member?"

"We expect you and want to see you at Del Monte."

Florida Section: Secretary Filby advises that their 1930 meeting will be held at Gainesville and full particulars will come out a little later in the News-Bulletin.

The Paradon Manufacturing Company, Arlington, N. J., announces the appointment of Mr. William H. Fulton as Chief Engineer of the company. Mr. Fulton will have full charge of the design and development of Paradon chlorinating apparatus and other projects of the company. Also Mr. Roy E. King has been appointed as assistant to Mr. L. K. Cecil, 214 Atco Building, Tulsa, Okla., sales representative in Arkansas and Oklahoma. Mr. King has just recently returned to Tulsa from the factory where he underwent a thorough training course.

The Michigan Valve and Foundry Company have recently appointed the Herbert Kennedy Company of 22 East 42nd Street, New York, N. Y., their representatives in New York, Massachusetts, Vermont, Connecticut, New Hampshire, Rhode Island and Maine to co-operate with municipal executives and engineers in the supply of valves, hydrants, sluice gates and other appurtenances for water works, filtration and sewerage systems. The Herbert Kennedy Company are also the selling agents in the United States for the Pont-A-Mousson Cast Iron Foundries at Nancy, France.

Since the last News-Bulletin was published we have lost four more members through death;

F. Saturnino R. de Brito, Rio de Janeiro, Brazil.

George C. Gensheimer, Erie, Pa.

B. B. Hayford, Waukeshaw, Wisc.

Fred D. Berry, Hartford, Conn.

Coming Meetings

October 23-26—CALIFORNIA SECTION, AMERICAN WATER WORKS ASSOCIATION. Hotel Del Monte, Del Monte, Calif. Secretary W. W. Hurlbut, 207 South Broadway, Los Angeles, Calif.

October 28-31 — SOUTHWEST WATERWORKS ASSOCIATION. 18th Annual Convention, Tulsa, Okla. Tulsa Hotel headquarters. Secretary-Treasurer Lewis A. Quigley, Superintendent, Water Department, Fort Worth, Tex.

October 30-31 and November 1—PENNSYLVANIA WATER WORKS ASSOCIATION. 34th Annual Meeting at Haddon Hall, Atlantic City, N. J. Secretary, F. S. Purviance, 327 Telegraph Building, Harrisburg, Pa.

November 4-6 — NORTH CAROLINA SECTION, AMERICAN WATER WORKS ASSOCIATION. High Point, N. C. Secretary H. G. Baity, Associate Professor, School of Engineering, University of N. C., Chapel Hill, N. C.

November 6-8 — MISSOURI VALLEY SECTION, AMERICAN WATER WORKS ASSOCIATION. 15th Annual Meeting, Sioux Falls, S. D. Secretary Earle L. Waterman, Professor of Sanitary Engineering, University of Iowa, Iowa City, Ia.

January, 1930—KENTUCKY-TENNESSEE SECTION, AMERICAN WATER WORKS ASSOCIATION. Secretary F. C. Dugan, State Board of Health, 532 W. Main Street, Louisville, Ky.